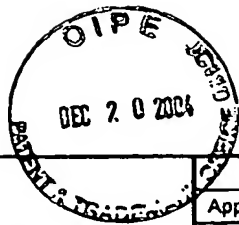


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

1

of

1

Application Number

10/806,088

Filing Date

March 22, 2004

First Named Inventor

Flack et al.

Group Art Unit

1614

Examiner Name

Unassigned

Attorney Docket Number

225011

Examiner
Initials

Doc.
No.

Application or
Patent Number

Kind Code

Name of Patentee or Applicant

Date of Publication

Filing Date If
Appropriate

Examiner
Initials

Doc.
No.

Office

Application or
Patent Number

Kind

Name of Patentee or Applicant

Date of Publication

Translation

Yes

No⁺⁺

Examiner
Initials

Doc
No.

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number (s), publisher, city and/or country where published.

Translation

Yes

No. 1

Klo

CC

WU et al., *J. Chromatography*, 433, 141-148 (1988)

Examiner Signature

Date Considered

8-15-05

- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Substitute for form 1449/AB/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	Unassigned	
			Filing Date	February 6, 2004	
			First Named Inventor	Flack et al.	
			Group Art Unit	Unassigned	
Examiner Name	Unassigned				
Sheet	1	of	3	Attorney Docket Number	225011

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			
W	AA	4,297,341		Waller et al.	Oct. 27, 1981	
	AB	5,026,726		Jagt et al.	June 25, 1991	
	AC	5,260,327	A	Kim et al.	Nov. 9, 1993	
	AD	5,759,837	A	Kuhajda et al.	June 2, 1998	
W	AE	6,576,660	B1	Liao et al.	June 10, 2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
W	AF	JP	1-132542	A	TOOMEN:KK	May 25, 1989		X*

OTHER - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.				Translation	
						Yes	No**
W	AG	BAND et al., "Antiproliferative Effect of Gossypol and Its Optical Isomers on Human Reproductive Cancer Cell Lines," <i>Gynecologic Oncology</i> , 32, 273-277 (1989)					
	AH	BAND et al., "Cytocidal Effects of Gossypol and Its Optical Isomers on Reproductive Cancer Cell Lines," <i>Gynecologic Oncologists</i> , 23 (2), 281 (1986)					
	AI	BENZ et al., "Biochemical Correlates of the Antitumor and Antimitochondrial Properties of Gossypol Enantiomers," <i>Molecular Pharmacology</i> , 37, 840-847 (1990)					
	AJ	BENZ et al., "Gossypol Enantiomers (+, -) Differentially Uncouple Tumor Mitochondria, Block Glutathione-S-Transferase Activity, and Inhibit Cellular Proliferation," <i>79th Annual Meeting of the American Association for Cancer Research, Proceedings</i> , 29, 322 (1988)					
	AK	BENZ et al., "Lactic Dehydrogenase Isozymers, ³¹ P Magnetic Resonance Spectroscopy, and In Vitro Antimitochondrial Tumor Toxicity with Gossypol and Rhodamine-123," <i>The Journal of Clinical Investigation</i> , 79 (2), 517-523 (1987)					
	AL	BENZ et al., "Selective Toxicity of Gossypol Against Epithelial Tumors and its Detection by Magnetic Resonance Spectroscopy," <i>Contraception</i> , 37 (3), 221-229 (1988)					
	AM	COTTON CELLULOSE CHEMISTR, "Gossypol prepn - from gossypol and anthranilate by alkaline hydrolysis of the anthranilate," SU 212245 (English abstract only) (1973)					X*
	AN	DE MARTINO et al., "Electron microscopic and biochemical studies of the effect of Gossypol on Ehrlich ascites tumor cells," <i>Caryologia</i> , 35, 114-115 (1982)					
	AO	DHALIWAL et al., "Cytogenetic Analysis of a Gossypol-Induced Murine Myxosarcoma," <i>Journal of the National Cancer Institute</i> , 78 (6), 1203-1209 (1987)					
	AP	FLACK et al., "Treatment of adrenocortical carcinoma with gossypol," <i>81st Proceedings of the American Association for Cancer Research</i> , 31, 198 (1990)					
	AQ	FLORIDI et al., "The Effect of the Association of Gossypol and Lonidamine on the Energy Metabolism of Ehrlich Ascites Tumor Cells," <i>Experimental and Molecular Pathology</i> , 38, 322-335 (1983)					
	AR	HAN et al., "Gossypol in the Treatment of Endometriosis and Uterine Myoma," <i>Contributions to Gynecology and Obstetrics</i> , 16, 268-270 (1987)					
W	AS	HASPEL et al., "Cytocidal Effect of Gossypol on Cultured Murine Erythroleukemia Cells Is Prevented by Serum Protein," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 229 (1), 218-225 (1984)					

W. Wheelwright

12-9-04

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
Application Number	Unassigned				
Filing Date	February 6, 2004				
First Named Inventor	Flack et al.				
Group Art Unit	Unassigned				
Examiner Name	Unassigned				
Attorney Docket Number	225011				
Sheet	2	of	3		

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
100	AT	HU et al., "Gossypol Effects on Cultured Normal and Malignant Melanocytes," <i>In Vitro Cellular & Developmental Biology</i> , 22 (10), 583-588 (1986)		
	AU	HUANG et al., "Resolution of Racemic Gossypol," <i>Journal of Ethnopharmacology</i> , 20, 13-20 (1987)		
	AV	JAROSZEWSKI et al., "Action of Gossypol and Rhodamine 123 on Wild Type and Multidrug-resistant MCF-7 Human Breast Cancer Cells: ³¹ P Nuclear Magnetic Resonance and Toxicity Studies," <i>Cancer Research</i> , 50, 6936-6943 (1990)		
	AW	JINGFANG et al., "of Gossypol in Mice, Rats and Human Tumor Cell Lines and Its Possible Mechanism," <i>Acta Academiae Medicinae Sinicae</i> , 8 (6), 486-489 (1986)		X*
	AX	JOLAD et al., "Tumor-Inhibitory Agent from <i>Montezuma speciosissima</i> (Malvaceae)," <i>Journal of Pharmaceutical Sciences</i> , 64 (11), 1889-1890 (1975)		
	AY	JOSEPH et al., "Cytotoxicity of enantiomers of gossypol," <i>The British Journal of Cancer</i> , 54 (3), 511-513 (1986)		
	AZ	KAI et al., "Resolution of Racemic Gossypol," <i>Journal of the Chemical Society</i> , (3), 168-169 (1985)		
	BA	KENIRY et al., "The Effect of gossypol and 6-aminonicotinamide on tumor cell metabolism: A ³¹ P-Magnetic Resonance spectroscopic study," <i>Biochemical and Biophysical Research Communications</i> , 164 (2), 947-953 (1989)		
	BB	KENIRY et al., "Magnetic Resonance Spectroscopy (MRS) and Imaging (MRI) in the Evaluation of Tumor Growth and Chemotherapy Response," <i>Proceedings, 77th Annual Meeting of the American Association for Cancer Research</i> , 27, 384 (1986)		
	BC	KIM et al., "Comparative <i>In Vitro</i> Spermicidal Effects of (±)-Gossypol, (+)-Gossypol, (-)-Gossypol, and Gossypolone," <i>Contraception</i> , 30 (3), 253-259 (1984)		
	BD	KUZNEZOVA et al., "Measurement of Cytotoxic effects and anti-cancer properties of gossypol and its derivatives," <i>Pharmacol. Toxicol.</i> , 1-7 (1979) (English abstract only)		X*
	BE	MATLIN et al., "Large-Scale Resolution of Gossypol Enantiomers for Biological Evaluation," <i>Contraception</i> , 37 (3), 229-237 (1988)		
	BF	McSHEEHY et al., "Gossypol, a cytotoxic agent, may uncouple respiration of Ehrlich Ascites tumour cells," <i>BIOCHEMICAL SOCIETY TRANSACTIONS</i> , 16 (4), 616-617 (1988)		
	BG	MEILING, "Gossypol Treatment for Menopausal Functional Bleeding, Myoma of Uterus and Endometriosis—Preliminary Report," <i>Acta Academiae Medicinae Sinicae</i> , 2 (3), 168-170 (1980)		
	BH	NAYAK et al., "Induction of Sister Chromatid Exchanges and Chromosome Damage by Gossypol in Bone Marrow Cells of Mice," <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 6 (2), 83-91 (1986)		
BI	OHUCHI et al., "Inhibition by gossypol of tumor promoter-induced arachidonic acid metabolism in rat peritoneal macrophages," <i>Biochimica et Biophysica Acta</i> , 971, 85-91 (1988)			
BJ	PIROGOV et al., "Postoperative Bronchopleural Complications in Combined Treatment of Pulmonary Cancer," <i>VOPROSY ONKOLOGII</i> , 20 (6), 24-28 (1974)		X*	
BK	QIAN et al., "Gossypol: A Potential Antifertility Agent for Males," <i>Annual Review of Pharmacological Toxicology</i> , 24, 329-360 (1984)			
BL	RAO et al., "Antitumor effects of gossypol on murine tumors," <i>Cancer Chemotherapy. Pharmacology</i> , 15, 20-25 (1985)			
BM	SAMPATH et al., "A Rapid Procedure for the Resolution of Racemic Gossypol," <i>Journal of the Chemical Society</i> , (9), 649-650 (1986)			

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12-9-04

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Substitute for form 1449A/B/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>			Complete if Known		
			Application Number	Unassigned	
			Filing Date	February 6, 2004	
			First Named Inventor	Flack et al.	
			Group Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	3	of	3	Attorney Docket Number	225011

OTHER - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation		
			Yes	No**	
T W	B N	TANPHAICHITR et al., "Direct Effect of Gossypol on TR-ST Cells: Perturbation of Rhodamine 123 Accumulation in Mitochondria," <i>Biology of Reproduction</i> , 31, 1049-1080 (1984)			
	B O	THOENES et al., "Cytotoxic Effects of Adriamycin, Bleomycin, Gossypol and Hydroxylanisol to Cultured Human Malignant Melanoma Cells," <i>Journal of Cancer Research and Clinical Oncology</i> , 113, S 46 (1987)			
	B P	TSO, "Gossypol Inhibits Ehrlich Ascites Tumor Cell Proliferation," <i>Cancer Letters</i> , 24, 257-261 (1984)			
	B Q	TUSZYNSKI et al., "Differential Cytotoxic Effect of Gossypol on Human Melanoma, Colon Carcinoma, and Other Tissue Culture Cell Lines," <i>CANCER RESEARCH</i> , 44, 768-771 (1984)			
	B R	VERMEL et al., "Antitumor Activity of Gossypol in Experiments on Transplanted Tumours," <i>Voprosy Onkologii</i> , 9 (12), 30-43 (1963)			X*
	B S	WANG et al., "Effect of Gossypol on DNA Synthesis and Cell Cycle Progression of Mammalian Cells in Vitro," <i>Cancer Research</i> , 44, 35-38 (1984)			
	B T	WU et al., "An in Vitro and in Vivo Study of Antitumor Effects of Gossypol on Human SW-13 Adrenocortical Carcinoma," <i>Cancer Research</i> , 49, 3754-3758 (1989)			
	B U	WU et al., "In vitro antitumor activity of gossypol alone or in combination with amsacrine," <i>European Journal of Pharmacology</i> , 183 (2), 230 (1990)			
	B V	WU et al., "Pharmacokinetics of (±)-, (+)-, and (-)-gossypol in humans and dogs," <i>Clinical Pharmacology & Therapeutics</i> , 39 (6), 613-618 (1986)			
	B W	XUEQING et al., "Clinical Observation and Experimental Study of Gossypol in Treatment of Dysfunctional Menorrhagia, Endometriosis and Fibromyoma of Uterus," <i>Chinese J. Integr. Trad. Western Med.</i> , 8, 197 & 216-217 (1988)			X*
	B X	YERUKHIMOV, "Treatment of Bladder Tumors with Gossypol and Iodol in Combination with Surgical Intervention," <i>VOPROSY ONKOLOGII</i> , 12 (2), 29-34 (1966)			X*
	B Y	YIKANG et al., "Studies on Resolution of Racemic Gossypol: Separation of Hexaacetates of S-1-Methylphenethylamino Derivative of (±) Gossypol," <i>Scientia Sinica</i> , 30 (3), 297-303 (1987)			
	B Z	YU, "Probing into the Mechanism of Action, Metabolism and Toxicity of Gossypol by Studying Its (+)- and (-)- Stereoisomers," <i>Journal of Ethnopharmacology</i> , 20, 65-78 (1987)			
T W	C A	ZHENG et al., "STUDIES ON THE RESOLUTION OF RACEMIC GOSSYPOL: IV. Use of Threo(-) or (+)-1-(p-Nitrophenyl)-1,3-Dihydroxypropylamine-2 as the Resolving Agent," <i>Acta Pharmaceutica Sinica</i> , 25 (6), 430-434 (1990)			X*

Examiner Signature [Signature]	Date Considered 12-9-01
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- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- * An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).